

What Is Claimed Is:

1.-4. (cancelled)

5. (new) A constant velocity twin ball joint comprising:

an outer joint part which comprises a first longitudinal axis and an attaching end and an aperture end positioned axially opposite one another, and outer ball tracks;

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an inner joint part which comprises a second longitudinal axis and an attaching mechanism for a shaft pointing towards the aperture end of the outer joint part, and inner ball tracks, the outer ball tracks and the inner ball tracks form pairs of tracks with one another which each accommodate balls, and circumferentially adjoining pairs of tracks comprise center lines of the outer and inner ball tracks which, when the first and second axes are aligned, are positioned in planes which extend parallel relative to one another and are symmetric relative to the first and second axes; and

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a ball cage between the outer joint part and the inner joint part and comprising circumferentially distributed cage windows which each accommodate pairs of balls of adjoining pairs of tracks positioned in the parallel planes, wherein a circumferential length of second cage windows for second pairs of balls is smaller than a circumferential length of first cage windows for first pairs of balls.

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6. (new) A joint according to claim 5, wherein the circumferential length of the first cage windows is limited to a dimension required for mounting the second pairs of balls.

7. (new) A joint according to claim 5, wherein the joint comprises an even number of at least eight balls.

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8. (new) A joint according to claim 6, wherein the joint comprises an even number of at least eight balls.

9. (new) A method of assembling a joint according to claim 5 comprising the steps of:

5 inserting the first pairs of balls one after the other through the first cage windows of the joint while being over-articulated; and thereafter, inserting the second pairs of balls one after the other through the second cage windows of the joint while being over-articulated.

10 10. (new) A method of assembling a joint according to claim 6 comprising the steps of:

 inserting the first pairs of balls one after the other through the first cage windows of the joint while being over-articulated; and thereafter, inserting the second pairs of balls one after the other through the second cage windows of the joint while being over-articulated.

15 11. (new) A method of assembling a joint according to claim 7 comprising the steps of:

 inserting the first pairs of balls one after the other through the first cage windows of the joint while being over-articulated; and thereafter, inserting the second pairs of balls one after the other through the second
20 cage windows of the joint while being over-articulated.